

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Complete if Known		
		Application Number	10/720,290	
		Filing Date	November 24, 2003	
		First Named Inventor	Arthur L. Boright	
		Group Art Unit	2863	
Examiner Name	V. TAYLOR			
Sheet	1	2	Attorney Docket Number	BING-1-1037



U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
		LAST ITEM			

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
u	1.	Ackerman, S. A., et al., "Discriminating Clear Sky From Clouds With MODIS," Journal of Geophysical Research, December 27, 1998, Vol. 103, No. D24, pp. 32,141-32,157.	
u	2.	Adler-Golden, S.M., et al., "An Algorithm for De-Shadowing Spectral Imagery," presented at the AVIRIS Earth Sciences and Applications Workshop, at the NASA Jet Propulsion Laboratory (2002).	
u	3.	Boardman, J. W., 1993, "Automating Spectral Unmixing of AVIRIS Data Using Convex Geometry Concepts," in: Summaries of the Fourth Annual JPL Airborne Geoscience Workshop, Washington, D.C., v. 1.	
u	4.	Choi, K-Y., et al., "A Multispectral Transform for the Suppression of Cloud Shadows," presented at the Fourth International Airborne Remote Sensing Conf. and Exhibition/21 st Canadian Symposium on Remote Sensing, Ottawa, Ontario, Canada, 11-14 June 1999.	
u	5.	Diner, D. J., et al., "Earth Observing System Multi-angle Imaging Spectro-Radiometer (MISR) Level 1 Cloud Detection Algorithm Theoretical Basis," Jet Propulsion Laboratory, California Institute of Technology, December 7, 1999, Vol. D-13397, Rev. B, pp 1-38.	
u	6.	Gao, B-C., et al., "An Algorithm Using Visible and 1.38- μ m Channels to Retrieve Cirrus Cloud Reflectances from Aircraft and Satellite Data, IEEE Transactions on Geoscience and Remote Sensing, August 2002, Vol. 40, No. 8, pp. 1659-1668.	
u	7.	Gao, B-C., and Kaufman, Y. J., "Selection of the 1.375- μ m MODIS Channel for Remote Sensing of Cirrus Clouds and Stratospheric Aerosols from Space," American Meteorological Society, Journal of the Atmospheric Sciences, December 1, 1995, Vol. 52, No. 23, pp. 4231-4237.	
u	8.	Gao, B-C., et al., "Correction of Thin Cirrus Path Radiances in the 0.4-1.0 μ m Spectral Region Using the Sensitive 1.375 μ m Cirrus Detecting Channel," J. Geophy. Research, December 27, 1998, Vol. 103, No. D24, pp. 32,169-32,176.	
u	9.	Goodman, A. H. and Henderson-Sellers, A., "Cloud Detection and Analysis: A Review of Recent Progress," Atmospheric Research, 1988, Vol. 21, Nos. 3-4, pp. 229-240.	

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Examiner U. Taylor Date 14 June 2005

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	10/845,385 10/720290
				Filing Date	May 13, 2004
				First Named Inventor	Arthur L. Boright
				Group Art Unit	2863
				Examiner Name	V. Taylor
Sheet	2	of	2	Attorney Docket Number	BOEL1-1254 BINC-1-1037

NON PATENT LITERATURE DOCUMENTS (Cont.)

u	10.	Gwinner, K., et al., "A Case Study on the Influence of Shadows and Shading on Multispectral Airborne Imaging Data," presented at the Third International Airborne Remote Sensing Conf. and Exhibition, July 7-10, 1997 Copenhagen, Denmark.	
u	11.	Irish, R.R., "Landsat 7 Automatic Cloud Cover Assessment, in Algorithms for Multispectral, Hyperspectral, and Ultraspectral Imagery VI," S. S. Chen, M. R. Descour, Editors, Proceedings of SPIE, 2000, Vol. 4049, pp. 348-355.	
u	12.	King, M. D., et al., "Discriminating Heavy Aerosol, Clouds, and Fires During SCAR-B: Application of Airborne Multispectral MAS Data," J. Geophy. Research, December 27, 1998, Vol. 103, No. D24, pp. 31,989-31,999.	
u	13.	Lissens, Gil, "Development of a Cloud, Snow and Cloud Shadow Mask for VEGETATION Imagery," in Proc. Vegetation 2000: 2 Years of Operation to Prepare the Future Workshop, G. Saint, Ed., Apr. 3-6, 2000, pp. 303-306.	
u	14.	Logar, A., et al., "A Hybrid Histogram/Neural Network Classifier for Creating Global Cloud Masks," International Journal of Remote Sensing, 1997, Vol. 18, No. 4, pp. 847-869.	
u	15.	Logar, A. M., et al., "The ASTER Polar Cloud Mask," IEEE Transactions of Geoscience and Remote Sensing, July 1998, Vol. 36, No. 4, pp. 1302-1312.	
u	16.	Milton, E. J., et al., "Cloud Shadow Suppression Using a Feature Space Approach to the Identification of Virtual Endmembers," Proceedings of 25 th Annual Conference and Exhibition of the Remote Sensing Society, Cardiff, UK (1999).	
u	17.	Rossow, W. B., et al., "Global, Seasonal Cloud Variations from Satellite Radiance Measurements. Part I: Sensitivity of Analysis," Journal of Climate, May 1989, Vol. 2, pp. 419-460.	
u	18.	Rossow, W. B., et al., "ISCCP Cloud Algorithm Intercomparison," Journal of Climate and Applied Meteorology, September 1985, Vol. 24, No. 9, pp. 877-903.	
u	19.	Rossow, W. B., "Measuring Cloud Properties from Space: A Review," Journal of Climate, March 1989, Vol. 2, pp. 201-215.	
u	20.	Sêze, G., et al., "Cloud Cover Observed Simultaneously from POLDER and METEOSAT," Physics and Chemistry of the Earth Part B: Hydrology, Oceans and Atmosphere, 1999, Vol. 24, No. 8, pp. 921-926.	
u	21.	Simpson, J. J., et al., "A Procedure for the Detection and Removal of Cloud Shadow from AVHRR Data Over Land," IEEE Transactions on Geoscience and Remote Sensing, Vol. 36, No. 3, pp. 880-897, May 1998.	
u	22.	Simpson, J. J., et al., "Cloud Shadow Detection Under Arbitrary Viewing and Illumination Conditions," IEEE Transactions on Geoscience and Remote Sensing, March 2000, Vol. 38, No. 2, pp. 972-976.	
u	23.	Varlyguin, D. L., et al., "Advances in Land Cover Classification for Applications Research: A Case Study from The Mid-Atlantic RESAC. Available at www.geog.umd.edu/resac and on ASPRS-2001 CD-ROM in American Society for Photogrammetry and Remote Sensing (ASPRS) Conference Proceedings, Washington DC (2001).	
u	24.	Vermote, E. F., et al., "A SeaWiFS Global Monthly Coarse-Resolution Reflectance Dataset," International Journal of Remote Sensing, 2001, Vol. 22, No. 6, pp. 1151-1158.	
u	25.	Wang, B., et al., "Automated Detection and Removal of Clouds and their Shadows from Landsat TM Images," IEICE Trans., Inf. & Syst., Vol. E82-D, No. 2, February 1999.	

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